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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	290097.402D1
	First Inventor	Michael W. Reed
	Title	FLUORESCENT QUENCHING DETECTION REAGENTS AND METHODS
	Express Mail Label No.	EV348170497US

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 117]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Sheets X]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(p).
6. ☒ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies
9. ☐ **ACCOMPANYING APPLICATION PARTS**
10. ☒ Assignment Papers (cover sheet & document(s))
11. ☒ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449
14. ☒ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503) Should be specifically itemized
16. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
17. ☒ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- Other: Check
- Copy of Revocation of Power of Attorney

18. If a CONTINUING APPLICATION OR APPLICATION CLAIMING FOREIGN PRIORITY, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

- ☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) ☒ Claims priority from U.S. application No. 10/093,769, filed March 7, 2002


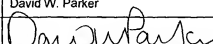
Prior application information

Examiner Jezia Riley

Group Art Unit: 1637

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Correspondence address below		or:	<input checked="" type="checkbox"/> Customer Number or Bar Code Label
Firm Name			 00500 PATENT TRADEMARK OFFICE
Address			
City, State, Zip			
Country			
Telephone	Fax		
Name (Print/Type)	David W. Parker	Registration No. (Attorney/Agent)	37,414
Signature			Date
			June 25, 2003

Breiden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450

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14749 U.S. PTO
10/606644

06/25/03

15592 U.S. PTO
06/25/03

EXPRESS MAIL NO.: EV348170497US

PTOISSN 01-03
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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) **375**

Complete if Known	
Application Number	
Filing Date	June 25, 2003
First Named Inventor	Michael W. Reed
Examiner Name	
Group Art Unit	
Attorney Docket No.	290097.402D1

METHOD OF PAYMENT	
<input checked="" type="checkbox"/> Payment Enclosed:	
<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other
<input type="checkbox"/> Deposit Account:	
Deposit Account Number	19-1090
Deposit Account Name	Seed Intellectual Property Law Group PLLC
The Commissioner is authorized to (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Credit any overpayments
<input type="checkbox"/> Charge any additional fee(s) during the pendency of this application	
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any deficiencies	
to the above-identified deposit account.	

FEE CALCULATION				
1. BASIC FILING FEE				
Large Entity	Fee(\$)	Small Entity	Fee(\$)	Fee Description
1001	750	2001	375	Utility filing fee
1002	330	2002	165	Design filing fee
1003	520	2003	260	Plant filing fee
1004	750	2004	375	Reissue filing fee
1005	160	2005	80	Provisional filing fee
SUBTOTAL (1)				(\$ 375)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				
		Extra Claims	Fee from below	Fee Paid
Total Claims	16	-20** =	0	
Independent Claims	3	-3** =	0	
Multiple Dependent				
Small Entity				
Large Entity	Fee Code	Small Entity	Fee Code	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)				
3. ADDITIONAL FEES				
Large Entity	Fee Code	Small Entity	Fee Code	Fee Description
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	2053	130	Non-English specification
1812	2520	1812	2520	For filing a request for ex parte reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	410	2252	205	Extension for reply within second month
1253	930	2253	465	Extension for reply within third month
1254	1450	2254	725	Extension for reply within fourth month
1255	1970	2255	985	Extension for reply within fifth month
1401	320	2401	160	Notice of Appeal
1402	320	2402	160	Filing a brief in support of an appeal
1403	280	2403	140	Request for oral hearing
1451	1510	1451	1510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1300	2453	650	Petition to revive - unintentional
1501	1300	2501	650	Utility issue fee (or reissue)
1502	470	2502	235	Design issue fee
1503	630	2503	315	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee for provisional applications
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))
1801	750	2801	375	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
Other fee (specify) _____				
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)

SUBMITTED BY		Registration No.	37,414
Name (Print/Type)	David W. Parker	Attorney/Agent	
Firm Name/Address			
Signature	<i>David W. Parker</i>	Date	June 25, 2003



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